

04-03-06

COFC

PATENT
ATTORNEY DOCKET NO. 05032-00014

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Alois J. G. Aarts, Jurgen J. A. Broekman,
Jan M. J. Thewissen, and Geert Dijkstra

Examiner:
Shalie A. Manlove

Serial No.: 10/047,449
Filed: January 14, 2002

Art Unit:
1755

Patent No.: 6,994,746 B2
Issued: February 7, 2006

Certificate
APR 06 2006

Title: PREPARATION OF SATIN WHITE

of Correction

Attention: Certificate of Corrections Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

In regard to the above identified application, we are transmitting herewith the attached:

1. Request for Certificate of Correction Under 35 U.S.C. 254 and 37 CFR 1.322;
2. Two copies of the Certificate of Correction Form PTO/SB/44 (2 pages each); and
3. Return postcard.

No fee is believed due. The Commissioner is authorized to charge any additional fees or credit overpayment to Deposit Account No. 19-0733.

Respectfully submitted,

Dated: March 31, 2006

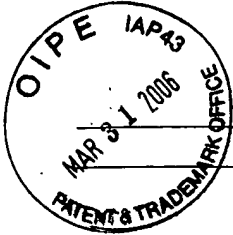
By

John P. Iwanicki, Reg. No. 34,628
BANNER & WITCOFF, LTD.
28 State Street, 28th Floor
Boston, MA 02109
(617) 720-9600

US Patent No. 6,994,746
Express Mail Receipt No. EV 814488347 US

EV814488347US

APR 07 2006



PATENT
ATTORNEY DOCKET NO. 05032-00014

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Alois J. G. Aarts, Jurgen J. A. Broekman,
Jan M. J. Thewissen, and Geert Dijkstra

Serial No.: 10/047,449

Filed: January 14, 2002

Patent No.: 6,994,746 *B2*

Issued: February 7, 2006

Title: PREPARATION OF SATIN WHITE

)
)
) Before the Examiner:
)
) Shalie A. Manlove
)
) Art Unit: 1755
)
)
)
)
)
)

Attention: Certificate of Corrections Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST FOR CERTIFICATE OF CORRECTION
UNDER 35 U.S.C. 254 and 37 CFR 1.322

Dear Sir:

The holder of U.S. Patent No. 6,994,746 hereby requests correction of errors in the issued document. A completed copy of Certificate of Correction Form PTO/SB/44, reciting the specific changes required, accompanies this request.

The holder of U.S. Patent No. 6,994,746 submits that the corrections neither constitute new matter nor require re-examination. The holder of U.S. Patent No. 6,994,746 further submits that the requested correction does not materially affect the scope or meaning of the patent.

U.S. Patent No. 6,994,746

APR 07 2006

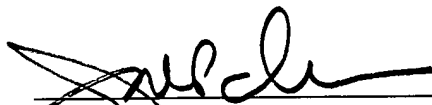
The holder of U.S. Patent No. 6,994,746 submits that the errors are the result of a mistake on the part of the Patent and Trademark Office, and therefore no fee is required for the correction. Specifically, in column 6, line 11 of the printed patent, the number "10" has been incorrectly inserted between the words "compared" and "with." Column 6, line 11 should read "satinized and compared with each other for properties," as shown on page 8, lines 9-10 of the application.

In column 6, Table 3 of the printed patent, a typographical error has been made by the PTO. The number in column 2a, row '75° Sheen' incorrectly reads "53," and should be changed to --63-- as shown on page 9, Table 3 of the application.

Table 3 in the printed patent has been incorrectly formatted. Row headings "Coat weight at 6% moisture" and "R 457 Opacity" should be underlined so as to conform with the other row headings. A line space should be inserted between row 'Yellowness' and row 'R 457 Opacity'. A line space should be inserted between row headings 'Coat weight at 6% moisture' and 'Sheet gloss,' and also between row headings 'R 457 Opacity' and 'Prüfbau dry pick.' Correctly formatted Table 3 is included below on page 3, and also on form PTO/SB/44.

Respectfully submitted,

Dated: March 31, 2006



John P. Iwanicki, Reg. No. 34,628
BANNER & WITCOFF, LTD.
28 State Street, 28th Floor
Boston, MA 02109
(617) 720-9600

TABLE 3

| Properties of paper prepared in Example 3 | | | | | | | | | |
|---|--------|--------|--------|--------|-------|--------|--------|--------|--------|
| Mix no. | 1a | 1b | 2a | 2b | 3a | 3b | 4a | 4b | Paper |
| <u>Coat weight at 6% moisture</u> | 11.5 | 9.6 | 11.5 | 9.6 | 11.5 | 9.6 | 11.7 | 9.7 | |
| <u>Sheet gloss</u> | | | | | | | | | |
| 75° Sheen | 60 | 59 | 63 | 58 | 65 | 60 | 67 | 61 | |
| s.d | 2.0 | 1.4 | 1.6 | 1.5 | 1.9 | 1.0 | 2.0 | 1.5 | |
| <u>Smoothness PPS</u> | | | | | | | | | |
| Microns | 1.16 | 1.16 | 1.13 | 1.22 | 1.08 | 1.20 | 1.06 | 1.20 | |
| s.d. | 0.04 | 0.05 | 0.02 | 0.03 | 0.04 | 0.04 | 0.06 | 0.03 | |
| <u>R 457 Whiteness</u> | | | | | | | | | |
| 100% UV | 95.47 | 96.03 | 95.92 | 96.57 | 94.96 | 95.92 | 95.28 | 96.34 | 95.05 |
| Yellowness | -10.77 | -11.74 | -10.80 | -12.09 | -9.87 | -11.74 | -10.28 | -11.93 | -13.00 |
| <u>R 457 Opacity</u> | | | | | | | | | |
| % | 90.78 | 90.72 | 91.20 | 90.61 | 90.85 | 90.64 | 90.98 | 90.79 | 89.01 |
| <u>Prüfbau dry pick</u> | | | | | | | | | |
| Ink 3803, 1.0 m/s 1000N cm/sec | 83 | 68 | 77 | 61 | 68 | 68 | 67 | 65 | |
| <u>Prüfbau wet pick</u> | | | | | | | | | |
| 1000 N, 3 sec dwell | | | | | | | | | |
| Ink 3802, 1 cm/sec | 99 | 99 | 98 | 98 | 100 | 98 | 95 | 83 | |
| %ID | | | | | | | | | |
| Ink 3801, 1.5 cm/sec | 95 | 80 | 96 | 91 | 88 | 82 | 83 | 66 | |
| % ID | | | | | | | | | |
| <u>Ink set rate</u> | | | | | | | | | |
| 10 secs | 104 | 95 | 110 | 107 | 112 | 98 | 109 | 97 | |
| 20 secs | 65 | 52 | 71 | 64 | 74 | 56 | 67 | 53 | |
| 30 secs | 32 | 2229 | 38 | 38 | 47 | 31 | 38 | 32 | |
| 40 secs | 23 | 20 | 27 | 24 | 34 | 22 | 30 | 22 | |
| Total | 224 | 196 | 246 | 233 | 267 | 207 | 244 | 204 | |
| <u>Ink gloss 75° Sheen</u> | | | | | | | | | |
| 3 micron | 87 | 86 | 88 | 85 | 88 | 84 | 89 | 84 | |
| 4 micron | 88 | 86 | 89 | 87 | 90 | 87 | 89 | 87 | |

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

Page 1 of 2

PATENT NO. : 6,994,746 *B2*
APPLICATION NO. : 10/047,449
ISSUE DATE : February 7, 2006
INVENTOR(S) : Alois J.G. Aarts et al.

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 6, line 11, the number "10" should be deleted so that the line should read "satinized and compared with each other for properties".

Column 6, Table 3, the number "53" in column 2a, row '75' Sheen' should read --63--.

Column 6, Table 3 should be formatted as follows on attached page 2:

MAILING ADDRESS OF SENDER: John P. Iwanicki
Banner & Witcoff, Ltd.
28 State Street, 28th Floor,
Boston, MA 02109

PATENT NO. 6,994,746

No. of additional copies



1

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

APR 07 2006

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

Page 2 of 2

PATENT NO. : 6,994,746 *B2*
 APPLICATION NO. : 10/047,449
 ISSUE DATE : February 7, 2006
 INVENTOR(S) : Alois J.G. Aarts et al.

TABLE 3

| Properties of paper prepared in Example 3 | | | | | | | | | |
|---|--------|--------|--------|--------|-------|--------|--------|--------|--------|
| Mix no. | 1a | 1b | 2a | 2b | 3a | 3b | 4a | 4b | Paper |
| <u>Coat weight at 6% moisture</u> | 11.5 | 9.6 | 11.5 | 9.6 | 11.5 | 9.6 | 11.7 | 9.7 | |
| <u>Sheet gloss</u> | | | | | | | | | |
| 75° Sheen | 60 | 59 | 63 | 58 | 65 | 60 | 67 | 61 | |
| s.d. | 2.0 | 1.4 | 1.6 | 1.5 | 1.9 | 1.0 | 2.0 | 1.3 | |
| <u>Smoothness PPS</u> | | | | | | | | | |
| Microns | 1.16 | 1.16 | 1.13 | 1.22 | 1.08 | 1.20 | 1.06 | 1.20 | |
| s.d. | 0.04 | 0.05 | 0.02 | 0.03 | 0.04 | 0.04 | 0.06 | 0.03 | |
| <u>R 457 Whiteness</u> | | | | | | | | | |
| 100% UV | 95.47 | 96.03 | 95.92 | 96.57 | 94.96 | 95.92 | 95.28 | 96.34 | 95.05 |
| Yellowness | -10.77 | -11.74 | -10.80 | -12.09 | -9.87 | -11.74 | -10.28 | -11.93 | -13.00 |
| <u>R 457 Opacity</u> | | | | | | | | | |
| % | 90.78 | 90.72 | 91.20 | 90.61 | 90.85 | 90.64 | 90.98 | 90.79 | 89.01 |
| <u>Prüfban dry pick</u> | | | | | | | | | |
| Ink 3803, 1.0 m/s 1000N cm/sec | 83 | 68 | 77 | 61 | 68 | 68 | 67 | 65 | |
| <u>Prüfban wet pick</u> | | | | | | | | | |
| 1000 N, 3 sec dwell | | | | | | | | | |
| Ink 3802, 1 cm/sec %ID | 99 | 99 | 98 | 98 | 100 | 98 | 95 | 83 | |
| Ink 3801, 1.5 cm/sec %ID | 95 | 80 | 96 | 91 | 88 | 82 | 83 | 66 | |
| <u>Ink set rate</u> | | | | | | | | | |
| 10 secs | 104 | 95 | 110 | 107 | 112 | 98 | 109 | 97 | |
| 20 secs | 65 | 52 | 71 | 64 | 74 | 56 | 67 | 53 | |
| 30 secs | 32 | 2229 | 38 | 38 | 47 | 31 | 38 | 32 | |
| 40 secs | 23 | 20 | 27 | 24 | 34 | 22 | 30 | 22 | |
| Total | 224 | 196 | 246 | 233 | 267 | 207 | 244 | 204 | |
| <u>Ink gloss 75° Sheen</u> | | | | | | | | | |
| 3 micron | 87 | 86 | 88 | 85 | 88 | 84 | 89 | 84 | |
| 4 micron | 88 | 86 | 89 | 87 | 90 | 87 | 89 | 87 | |

MAILING ADDRESS OF SENDER: John P. Iwanicki
 Banner & Witcoff, Ltd.
 28 State Street, 28th Floor,
 Boston, MA 02109

PATENT NO. 6,994,746
 No. of additional copies

→ 1

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

APR 07 2006

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

Page 1 of 2

PATENT NO. : 6,994,746 *B2*
APPLICATION NO. : 10/047,449
ISSUE DATE : February 7, 2006
INVENTOR(S) : Alois J.G. Aarts et al.

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 6, line 11, the number "10" should be deleted so that the line should read "satinized and compared with each other for properties".

Column 6, Table 3, the number "53" in column 2a, row '75° Sheen' should read --63--.

Column 6, Table 3 should be formatted as follows on attached page 2:

MAILING ADDRESS OF SENDER: John P. Iwanicki
Banner & Witcoff, Ltd.
28 State Street, 28th Floor,
Boston, MA 02109

PATENT NO. 6,994,746

No. of additional copies



1

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

APR 07 2006

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

Page 2 of 2

PATENT NO. : 6,994,746 *B2*
 APPLICATION NO. : 10/047,449
 ISSUE DATE : February 7, 2006
 INVENTOR(S) : Alois J.G. Aarts et al.

TABLE 3

| Properties of paper prepared in Example 3 | | | | | | | | | |
|---|--------|--------|--------|--------|-------|--------|--------|--------|--------|
| Mix no. | 1a | 1b | 2a | 2b | 3a | 3b | 4a | 4b | Paper |
| <u>Cont weight at 6% moisture</u> | 11.5 | 9.6 | 11.5 | 9.6 | 11.5 | 9.6 | 11.7 | 9.7 | |
| <u>Sheet gloss</u> | | | | | | | | | |
| 75° Sheen | 60 | 59 | 63 | 58 | 65 | 60 | 67 | 61 | |
| s.d. | 2.0 | 1.4 | 1.6 | 1.5 | 1.9 | 1.0 | 2.0 | 1.5 | |
| <u>Smoothness PPS</u> | | | | | | | | | |
| Microns | 1.16 | 1.16 | 1.13 | 1.22 | 1.08 | 1.20 | 1.06 | 1.20 | |
| s.d. | 0.04 | 0.05 | 0.02 | 0.03 | 0.04 | 0.04 | 0.06 | 0.03 | |
| <u>R 457 Whiteness</u> | | | | | | | | | |
| 100% UV | 95.47 | 96.03 | 95.92 | 96.57 | 94.96 | 95.92 | 95.28 | 96.34 | 95.05 |
| Yellowness | -10.77 | -11.74 | -10.80 | -12.09 | -9.87 | -11.74 | -10.28 | -11.93 | -13.00 |
| <u>R 457 Opacity</u> | | | | | | | | | |
| % | 90.78 | 90.72 | 91.20 | 90.61 | 90.85 | 90.64 | 90.98 | 90.79 | 89.01 |
| <u>Prüfban dry pick</u> | | | | | | | | | |
| Ink 3803, 1.0 m/s 1000N cm/sec | 83 | 68 | 77 | 61 | 68 | 68 | 67 | 65 | |
| <u>Prüfban wet pick</u> | | | | | | | | | |
| 1000 N, 3 sec dwell | | | | | | | | | |
| Ink 3802, 1 cm/sec | 99 | 99 | 98 | 98 | 100 | 98 | 95 | 83 | |
| % ID | | | | | | | | | |
| Ink 3801, 1.5 cm/sec | 95 | 80 | 96 | 91 | 88 | 82 | 83 | 66 | |
| % ID | | | | | | | | | |
| <u>Ink set rate</u> | | | | | | | | | |
| 10 secs | 104 | 95 | 110 | 107 | 112 | 98 | 109 | 97 | |
| 20 secs | 65 | 52 | 71 | 64 | 74 | 56 | 67 | 53 | |
| 30 secs | 32 | 2229 | 38 | 38 | 47 | 31 | 38 | 32 | |
| 40 secs | 23 | 20 | 27 | 24 | 34 | 22 | 30 | 22 | |
| Total | 224 | 196 | 246 | 233 | 267 | 207 | 244 | 204 | |
| <u>Ink gloss 75° Sheen</u> | | | | | | | | | |
| 3 micron | 87 | 86 | 88 | 85 | 88 | 84 | 89 | 84 | |
| 4 micron | 88 | 86 | 89 | 87 | 90 | 87 | 89 | 87 | |

MAILING ADDRESS OF SENDER: John P. Iwanicki
 Banner & Witcoff, Ltd.
 28 State Street, 28th Floor,
 Boston, MA 02109

PATENT NO. 6,994,746
 No. of additional Copies

→ 1

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

APR 07 2006